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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 4811-16	SERIAL NO. 10/614,340
INFORM	MATION DISCLOSURE STATEMENT (Use several sheets if necessary)	APPLICANT ABRAMS	
		FILING DATE July 3, 2003	GROUP ART

#### **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	5,026,591	06/25/1991	Henn et al.	428	198	
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				SUB	TRANSL	ATION	
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO	
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### OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

6	2	Declaration of L. Brown Abrams Under 37 CFR 1.98 Executed November 22, 2003 for U.S. Patent Application Serial No. 10/614,340 filed July 3, 2003.
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EXAMINER	DATE CONSIDERED	5.15.06

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**FORM PTO-1449** 

### U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

ATTY. DOCKET NO. 4811-16	SERIAL NO. 10/614,340
APPLICANT ABRAMS, Louis Brown	
FILING DATE July 3, 2003	GROUP ART 1783 (7 7 )

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
(CL)	1	1,905,999	04/25/33	Carleton Ellis			
	2	2,636,837	04/28/53	E.C. Summers	154	123	
/	3	3,529,986	09/22/70	G. Kappas et al.	117	17	
	4	3,657,060	04/18/72	Haigh	161	73	
	5	3,775,205	11/27/73	Hermann et al.	156	72	
	6	3,793,050	02/19/74	Mumpower, Jr.	117	17.5	
	7	3,816,211	06/11/74	Haigh	156	309	
	8	3,956,552	05/11/76	Geary	428	88	
	9	3,989,869	11/02/76	Neumaier et al.	428	254	
	10	4,018,956	04/19/77	Casey	428	86	
	11	4,034,134	07/05/77	Gregorian et al.	428	86	
	12	4,035,532	07/12/77	Gregorian et al.	428	90	
	13	4,102,562	07/25/78	Harper et al.	350	105	
-	14	4,142,929	03/06/79	Otomine et al.	156	72	
	15	4,160,851	07/10/79	Lienert et al.	427	379	
	16	4,201,810	05/06/80	Higashiguchi	428	90	
,	17	4,269,885	05/26/81	Mahn	428	216	
	18	4,273,817	06/16/81	Matsuo et al.	428	90	
(b)	19	4,282,278	08/04/81	Higashiguchi	428	90	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformat considered. Include copy of this form with next communication to applicant	



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10/614,340

APPLICANT
ABRAMS, Louis Brown

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FILING DATE July 3, 2	003	GROUP ART	
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(4)	20	4,292,100	09/29/81	Higashiguchi	156	72	
	21	4,314,813	02/09/82	Masaki	8	468	
	22	4,314,955	02/09/82	Boden et al.	264	51	
	23	4,369,157	01/18/83	Conner	264	246	
	24	4,385,588	05/31/83	Bennetot	118	638	
	25	4,396,662	08/02/83	Higashiguchi	128	90	
	26	4,405,401	09/20/83	Stahl	156	248	
	27	4,423,106	12/27/83	Mahn	428	207	
	28	4,539,166	09/03/85	Richartz et al.	264	45.1	
	29	4,574,018	03/04/86	Masuda et al.	156	72	
	30	4,582,658	04/15/86	Reichmann et al.	264	45.1	
	31	4,652,478	03/24/87	Maii	428	43	
	32	4,668,323	05/26/87	Lenards et al.	156	242	-
	33	4,681,791	07/21/87	Shibahashi et al.	428	96	
	34	4,687,527	08/18/87	Higashiguchi	156	72	
	35	4,741,791	05/03/88	Howard et al.	156	72	
	36	4,790,306	12/13/88	Braun et al.	128	206.12	
	37	4,797,320	01/10/89	Kopp et al.	428	316.6	
	38	4,810,321	03/07/89	Wank et al.	156	244.23	
X	39	4,810,549	03/07/89	Abrams et al.	428	88	
(4)	40	4,980,216	12/25/90	Römpp	428	90	

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ATTY. DOCKET NO. 4811-16	SERIAL NO. 10/614,340
APPLICANT ABRAMS, Louis Brown	
FILING DATE July 3, 2003	GROUP ART

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c	41	5,008,130	04/16/91	Lenards	427	206	
	42	5,043,375	08/27/91	Henning et al.	524	372	
	43	5,047,103	09/10/91	Abrams et al.	156	72	
	44	5,053,179	10/01/91	Masui et al.	264	257	
	45	5,108,530	04/28/92	Niebling, Jr., et al.	156	245	
	46	5,154,871	10/13/92	Wagner et al.	264	255	
	47	5,198,277	03/30/93	Hamilton et al.	428	92	
	48	5,207,851	05/04/93	Abrams	156	230	
	49	5,217,563	06/08/93	Niebling et al.	156	382	
	50	5,217,781	06/08/93	Kuipers	428	85	
	51	5,248,536	09/28/93	Du Katz	428	40	
	52	5,274,039	12/28/93	Sirinyan et al.	525	130	
	53	5,346,746	09/13/94	Abrams	428	195	
	54	5,350,474	09/27/94	Yamane	156	240	
	55	5,488,907 C1	11/27/01	Xu et al.	101	488	
	56	5,489,359	02/06/96	Yamane	156	540	
	57	5,534,099	07/09/96	Yamamoto	156	230	
	58	5,622,587	04/22/97	Barthelman	156	251	
	59	5,597,637	01/28/97	Abrams et al.	428	90	
	60	5,654,395	08/05/97	Jackson, Jr., et al.	528	308.3	
(4)	61	5,693,400	12/02/97	Hamilton et al.	428	89	

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APPLICANT ABRAMS, Louis Brown	·

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(4)	62	5,762,379	06/09/98	Salmon et al.	283	91	
(4)	63	5,766,397	06/16/98	Jones .	- 156	- 230	
	64	5,804,007	09/08/98	Asano	156	72	
	65	5,858,156	01/12/99	Abrams et al.	156	230	
	66	5,900,096	05/04/99	Zemel	156	233	
	67	5,909,021	06/01/99	Duffy ·	200	514	
	68	5,912,065	06/15/99	Kukaff	428	195	
	69	5,922,436	07/13/99	Banfield et al.	428	100	
	70	5,981,009	11/09/99	lacono et al.	428	40.1	
	71	6,010,764	01/04/00	Abrams	428	90	
	72	6,083,332	07/04/00	Abrams	156	72	
	73	6,102,686	08/15/00	Eschenfelder	425	388	
	74	6,110,560	08/29/00	Abrams	428	90	
	75	6,113,149	09/05/00	Dukatz	283	91	
	76	6,146,485	11/14/00	lacono et al.	156	230	
	77	6,1,70,881 B1	01/09/01	Salmon et al.	283	91	
	78	6,171,678 B1	01/09/01	Holeschovsky et al.	428	97	
	79	6,202,549 B1	03/20/01	Mitsam et al.	101	27	
	80	6,224,707 B1	05/01/01	Lion	156	230	
	81	6,249,297 B1	06/19/01	Lion	347	171	
(6)	82	6,257,866 B1	07/10/01	Fritz et al.	425	387.1	

FILING DATE July 3, 2003

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APPLICANT ABRAMS, Louis Brown	
FILING DATE July 3, 2003	GROUP ART

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(ch)	83	6,264,775 B1	07/24/01	Holeschovsky et al.	156	72	
K	84	6,277,312 B1	08/21/01	Hansen et al.	264	132	
	85	6,296,908 B1	10/02/01	Reihs et al.	427	393.5	
	86	6,2 <del>9</del> 9,715 B1	10/09/01	Langsdorf et al.	156	72	
	87	6,387,472 B1	05/14/02	Reck et al.	428	195	
	88	6,428,877 B1	08/06/02	Suss et al.	428	195	
	89	6,451,148 B1	09/17/02	Jenner	156	230	
	90	09/621,830		Abrams			07/24/00
	91	09/629,746		Abrams			07/31/00
	92	09/735,721		Abrams			12/13/00
	93	10/265,206	6,977,023	Abrams			10/04/02
	94		2003/03070				03/21/03
	95	10/455,541		Abrams			06/04/03
	96	10/455,575	-	Abrams			06/04/03
	97	10/613,981	US 2004/00	55692 Abrams			07/03/03
	98		US 2004/609				07/03/03
<i>x</i>	99		US 2004/008	_			07/03/03
(2/6)	100	10/670,091	7	Abrams			09/23/03

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ATTY. DOCKET NO. 4811-16	SERIAL NO. 10/614,340
APPLICANT ABRAMS, Louis Brown	
FILING DATE July 3, 2003	GROUP ART 1733- (77)

#### **FOREIGN PATENT DOCUMENTS**

July 3, 2003

						CUD	TRANSL	ATION
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	YES	NO
(4)	101	CA 757,595	04/25/67	Canada			×	
X	102	DE 19734316 A1	02/04/99	German (abstract attached)	G06F	3/033		х
	103	EP 0989227 A2	03/29/00	EPO (abstract attached)	D06P	5/00		×
	104	EP 0685014 B1	06/21/97	EPO	D06Q	1/14	×	
	105	EP 0351079 A3	01/17/90	EPO	D06Q	1/14	Х	
	106	EP 0280296 A2	08/31/88	EPO	D04H	11/00	X	
	107	EP 0210304 A1	02/04/87	EPO	D06Q	1/00	X	
	108	FR 2,784,619 A1	10/14/98	France (abstract attached)	B41M	5/035	_	х
	109	GB 2,126,951 A	09/21/83	United Kingdom	B41N	1/00	x	
	110	GB 2,065,031 A	12/11/79	United Kingdom	B44C	1/16	х	
	111	GB 1,466,271	12/31/73	United Kingdom	B32B	5/08	X	
	112	GB 1,447,049	12/18/72	United Kingdom	B32B	27/12	х	
	113	55104	04/06/84	Ireland	D06Q	1/00	x	
	114	JP 358062027A	04/13/83	Japan (abstract attached)	B2D	027/04		х
	115	JP 56141877A2	11/05/81	Japan (abstract attached)	B05D	1/14		х
	116	JP 359115885A	07/04/84	Japan (abstract attached)	B41M	003/12		х
X	117	JP 356058824A	05/22/81	Japan (abstract attached)	B29C	027/14		х
(4)	118	JP 02000084977A	03/28/00	Japan (abstract attached)	B29C	045/16		х

EXAMINER (		DATE CONSIDERED 5.15.06					
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

PATENT AND TRADEMARK OFFICE

4811-16 APPLICANT SERIAL NO. 10/614,340

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ABRAMS, Louis Brown

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CB.	119	WO 79/01146	12/27/79	PCT	B32B	27/40	×	
8	120	WO 89/01829	03/09/89	PCT	B05D	1/16	х	
	121	WO 90/09289	08/23/90	PCT	B44C	3/02	×	
	122	WO 94/19530	09/01/94	PCT	D06Q	1/14	x	
	123	WO 02/07959 A1	01/31/02	PCT	B32B	5/00	×	
	124	WO 02/09925 A1	02/07/02	PCT	B29C	45/14	x	
	125	WO 02/058854 A1	12/01/02	PCT	B05D	1/14	х	
OR	126	WO 03/031083 A1	04/17/03	PCT	B05D	5/00	х	
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(ch)	127	Abrams, Brown, "Flocking A Touch of Velour" ScreenPrinting (Apr. 1987).
	128	Abrams, Brown, "Part II: Flocking" <u>ScreenPrinting</u> (Jun. 1987).
	129	Bayer Plastics Division Press Release, "Wheel Covers, Center Caps Become Revolving Art Forms with New Film Insert Molding Technology" (June 19, 2000), 4 pages.
	130	Bostik USA; "Industrial Adhesives" (2001), 3 pages.
	131	Cohn, Larry, "When Is A 'Dye Sublimation' Printer NOT A 'Dye Sublimation' Printer?" Fun Faces Foto Gifts (Oct. 2001), available at <a href="http://www.dyesub.org/articles/dyesubprinter.htm">http://www.dyesub.org/articles/dyesubprinter.htm</a> , 7 pages.
	132	Declaration of L. Brown Abrams under 37 CFR §1,132, dated Jan. 7, 2003.
	133	Defosse, Matthew, "Systems Approach Gives Blow Molders Big Edge," www.modplas.com (Dec. 2000).
X	134	Derrick, Cherie, "Sublimation, what is it?" Encompass Technologies (Oct. 2000), available at <a href="http://www.dyesub.org/articles/dyesubwhatisit.htm">http://www.dyesub.org/articles/dyesubwhatisit.htm</a> , 3 pages.
$\mathcal{A}$	135	Eastman, "Need? A Polyester Fiber with these attributes" (undated), 11 pages.

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(A)	136	Eastman PCT Polyester, "New Resins, New Services" (undated), 5 pages.
	137	Eastman News Archive, "DuPont Engineering Polymers Acquires High Performance Plastics Business from Eastman, printed 7/3/03, 2 pages.
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	139	Ford, Don, "Inkjet Transfer Printing (not dye sublimation)," Fords Screen Printing (Oct. 2001), available at <a href="http://www.dyesub.org/articles/inkjet.shtm">http://www.dyesub.org/articles/inkjet.shtm</a> , 2 pages.
	140	GE Structured Products, "Lexan® In-Mold Films: A Guide for Designing, Forming and Molding with Screenprinted Lexan® Films" (undated), pp. 1-20.
	141	Griffin, Patrick J., "Film Insert Molding," <u>SGIA Journal</u> , First Quarter 2001, pp. 31-36.
	142	Landwehr, Rebecca, "When is a mouse pad really a rug?" <u>The Denver Business Journal</u> (Nov. 1998), at <a href="http://denver.bizjournals.com/denver/stories/1998/11/30/story3.html">http://denver.bizjournals.com/denver/stories/1998/11/30/story3.html</a> .
	143	Lextra® MouseRug®; "About the Product" (Jan. 27, 1999), http://www.mouserug.com/mouserug/aboutmouserugs.html, 2 pages.
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	145	Lextra® MouseRug®; "Dimensions" (Jan. 27, 1999), http://www.mouserug.com/mouserug/dimensions.html, 1 page.
	146	"Magic Carpet," Wired (Nov. 1998), p. 68.
	147	Peterson, Jeff, "New Innovations in 3D Curved Parts Decorating," <u>Plastics Decorating</u> (OctNov. 2001), available at <a href="http://www.petersonpublications.com/plasticsdecorating/articlesdisplay.asp?ID=17">http://www.petersonpublications.com/plasticsdecorating/articlesdisplay.asp?ID=17</a> , 3 pages.
	148	Shaner, Ken, "Advanced Molding Processes: Low Pressure Molding/Low-High Pressure Molding for Interior Trim," Automotive & Transportation Interior Expo Conference 1997, Session 9, pp. 1-2.
	149	Snyder, Merle R., "Fabric Molding Shows Promise in Automotive: Machine Makers Offer Innovative Systems That Boost Productivity and Facilitate Recyclability," <u>Modern Plastics</u> (Oct. 1999), available at <a href="http://www.modplas.com/new/month">http://www.modplas.com/new/month</a> 1099/ms10.htm.
V	150	Sonics & Materials, Inc., "Chart II Compatability of Thermoplastics" (undated), 1 page.
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APPLICANT ABRAMS, Louis Brown		

**GROUP ART** 

## INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

FILING DATE July 3, 2003

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*EXAMINER INITIAL	-	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
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	·	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
(L)	AB	JP 358062027A	04/13/83	Japan	B29D	027/04	х	
(3)	AC	FR 2659094	09/06/91	France (Abstract Attached)	D06Q	1/14		×
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	CLASS	YES	NO
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#### OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

$(\mathcal{L})$	AA	Declaration of L. Brown Abrams under 37 CFR § 1.98 for Serial No. 10/394,357 dated January 16, 2004, 4 pages with Appendix A-I.
$(\mathcal{A})$	AB	Sawgrass Technologies, Inc. Press Releases, available at <a href="http://www.sawgrassink.com/pressreleases/pressreleasearchives.htm">http://www.sawgrassink.com/pressreleases/pressreleasearchives.htm</a> , printed 1/22/04, 18 pages.

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L	) AA	"Corterra Polymers," (printed 3/8/2004) http://www.swicofil.com/ptt.html, 4 pages.
(NY	AB	"Hettinga: Plastics Technology for the Future, Available Today!" website (circa 2000), 4 pages.
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FILING DATE July 3, 2003	GROUP ART 4733. [7 ]				

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